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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
10527/003007SERIAL NO.
09/557,473INFORMATION DISCLOSURE
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Robert N. HamlinFILING DATE
4/24/00

GROUP

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5 5 0 9 8 9 9	4/23/96	Fan et al.			
AB	5 4 1 7 6 7 1	5/23/95	Jackson	604	265	9/24/93
AC	5 4 1 3 5 5 9	5/9/95	Sirham et al.			
AD	5 3 7 2 6 0 3	12/13/94	Acker et al.			
AE	5 3 6 6 4 7 2	11/22/94	Hillstead	606	194	9/30/91
AF	5 3 6 4 3 5 7	11/15/94	Aase			
AG	5 3 5 8 4 8 6	10/1994	Saab	604	96	9/14/92
AH	5 3 4 4 4 0 1	09/1994	Radisch et al.	604	96	9/14/92
AI	5 3 4 2 3 0 7	8/30/94	Euteneuer et al.	604	103	9/14/92
AJ	5 3 3 4 1 4 6	8/2/94	Ozasa	604	96	11/8/91
AK	5 3 3 0 4 2 8	7/19/94	Wang et al.			
AL	5 3 3 0 4 2 9	7/19/94	Noguchi et al.	604	96	1/8/93
AM	5 3 1 8 5 8 7	6/7/94	Davey	606	194	10/2/92
AN	5 3 1 8 0 4 1	6/7/94	DuBois et al.	607	199	6/30/92
AO	5 3 1 2 3 5 6	5/17/94	Engelson et al.	604	165	5/22/90
AP	5 3 0 6 2 4 6	4/26/94	Sahatjian et al.	604	96	10/7/92
AQ	5 3 0 4 1 9 7	4/19/94	Pinchuk	606	194	2/2/93
AR	5 3 0 4 1 7 1	4/19/94	Gregory et al.	606	15	5/23/90
AS	5 2 9 0 3 0 6	03/1994	Trotta et al.	606	194	5/23/90
AT	5 2 7 9 5 9 4	1/18/94	Jackson	604	265	5/23/90
AU	5 2 7 9 5 6 0	1/18/94	Morrill et al.	604	96	12/23/91
AV	5 2 7 7 1 9 9	1/11/94	DuBois et al.	128	772	8/10/92
AW	5 2 7 2 0 1 2	12/21/93	Opolski	428	423.1	1/29/92
AX	5 2 7 0 0 8 6	12/14/93	Hamlin			
AY	5 2 6 3 9 6 2	11/23/93	Johnson et al.	606	192	11/19/91
AZ	5 2 5 4 0 9 1	10/19/93	Aliahmad et al.	604	96	1/8/91

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PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5 5 0 9 8 9 9	4/23/96	Fan et al.			
AB	5 4 1 7 6 7 1	5/23/95	Jackson	604	265	9/24/93
AC	5 4 1 3 5 5 9	5/9/95	Sirham et al.			
AD	5 3 7 2 6 0 3	12/13/94	Acker et al.			
AE	5 3 6 6 4 7 2	11/22/94	Hillstead	606	194	9/30/91
AF	5 3 6 4 3 5 7	11/15/94	Aase			
AG	5 3 5 8 4 8 6	10/1994	Saab	604	96	9/14/92
AH	5 3 4 4 4 0 1	09/1994	Radisch et al.	604	96	9/14/92
AI	5 3 4 2 3 0 7	8/30/94	Euteneuer et al.	604	103	9/14/92
AJ	5 3 3 4 1 4 6	8/2/94	Ozasa	604	96	11/8/91
AK	5 3 3 0 4 2 8	7/19/94	Wang et al.			
AL	5 3 3 0 4 2 9	7/19/94	Noguchi et al.	604	96	9/8/93
AM	5 3 1 8 5 8 7	6/7/94	Davey	606	194	10/2/92
AN	5 3 1 8 0 4 1	6/7/94	DuBois et al.	607	19	6/30/92
AO	5 3 1 2 3 5 6	5/17/94	Engelson et al.	604	194	5/22/90
AP	5 3 0 6 2 4 6	4/26/94	Sahatjian et al.	604		
AQ	5 3 0 4 1 9 7	4/19/94	Pinchuk	606	194	10/7/92
AR	5 3 0 4 1 7 1	4/19/94	Gregory et al.	606	15	2/2/93
AS	5 2 9 0 3 0 6	03/1994	Trotta et al.	606	194	5/23/90
AT	5 2 7 9 5 9 4	1/18/94	Jackson	604	265	5/23/90
AU	5 2 7 9 5 6 0	1/18/94	Morrill et al.	604	96	12/23/91
AV	5 2 7 7 1 9 9	1/11/94	DuBois et al.	128	772	8/10/92
AW	5 2 7 2 0 1 2	12/21/93	Opolski	428	423.1	1/29/92
AX	5 2 7 0 0 8 6	12/14/93	Hamlin			
AY	5 2 6 3 9 6 2	11/23/93	Johnson et al.	606	192	11/19/91
AZ	5 2 5 4 0 9 1	10/19/93	Aliahmad et al.	604	96	1/8/91

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA 5 2 5 4 0 9 0	10/1993	Lombardi et al.	604	96	1/8/91
	BB 5 2 4 8 3 0 5	9/28/93	Zdrahala	604	280	
	BC 5 2 2 6 8 9 0	7/13/93	Martin	604	99	
	BD 5 2 2 3 2 0 5	6/29/93	Jackowski et al.	264	521	
	BE 5 2 0 9 7 2 8	5/11/93	Kraus et al.	604	96	
	BF 5 2 0 1 7 0 6	4/13/93	Noguchi et al.	604	96	
	BG 5 1 9 5 9 7 2	3/23/93	Inoue	604	103	
	BH 5 1 9 5 9 7 0	3/23/93	Gahara	604	96	
	BI 5 1 9 5 9 6 9	3/93	Wang et al.	604	96	
	BJ 5 1 9 2 2 9 6	3/93	Bhate et al.			
	BK 5 1 8 3 6 1 3	2/2/93	Edwards	264	171	
	BL 5 1 7 9 1 7 4	1/12/93	Elton	525	409	
	BM 5 1 7 6 6 9 7	1/5/93	Hasson et al.	606	191	
	BN 5 1 7 1 2 2 1	12/15/92	Samson	604	96	
	BO 5 1 6 3 9 4 9	11/17/92	Bonutti	606	132	
	BP 5 1 6 0 3 2 1	11/3/92	Sahota	604	103	
	BQ 5 1 5 6 8 5 7	10/20/92	Wang et al.	425	132	
	BR 5 1 4 7 3 0 2	9/15/92	Euteneuer et al.	604	103	
	BS 5 1 3 7 5 1 2	8/11/92	Burns et al.	606	96	
	BT 5 1 2 5 9 1 3	6/30/92	Quakenbush			
	BU 5 1 1 6 3 1 8	5/26/92	Hillstead			
	BV 5 1 1 4 4 2 3	5/19/92	Kasprzyk et al.			
	BW 5 1 0 8 4 2 0	4/28/92	Marks	606	213	
	BX 5 1 0 8 4 1 5	4/28/92	Pinchuk et al.	606	194	
	BY 5 1 0 2 4 1 6	4/7/92	Rock	606	194	
	BZ 5 1 0 0 9 9 2	3/31/92	Cohn et al.	528	26	

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PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	5 1 0 0 7 2: 1	3/31/92	Akao	428	218	
	CB	5 1 0 0 3 8: 6	3/92	Inoue			
	CC	5 1 0 0 3 8: 1	3/31/92	Burns	604	96	
	CD	5 0 9 4 7 9: 9	3/10/92	Takashige et al.	264	514	
	CE	5 0 9 3 1 6: 4	3/1992	Bauer et al.			
	CF	5 0 9 1 2 0: 5	2/25/92	Fan	427	2	
	CG	5 0 9 0 9 5: 8	2/25/92	Sahota	604	98	
	CH	5 0 8 7 2 4: 6	2/11/92	Smith	604	96	
	CI	5 0 8 7 2 4: 4	2/11/92	Wolinsky et al.	604	53	
	CJ	5 0 8 4 3 1: 5	1/28/92	Karimi et al.	428	36.6	
	CK	5 0 7 8 7 0: 2	1/7/92	Pomeranz			
	CL	5 0 7 7 3 5: 2	12/31/91	Elton	525	409	
	CM	5 0 7 5 1 5: 2	12/24/91	Tsukuda et al.	428	204	
	CN	5 0 7 4 8 4: 5	12/91	Miraki et al.	604	15	
	CO	5 0 7 4 8 4: 0	12/24/91	Yoon	604	15	
	CP	5 0 7 1 6 8: 6	12/10/91	Genske et al.	428	35.2	
	CQ	5 0 7 1 4 0: 6	12/10/91	Jang	604	35.2	
	CR	5 0 6 1 4 2: 4	10/29/91	Karimi et al.	264	11	
	CS	5 0 5 9 2 6: 9	10/22/91	Hu et al.	156	282	
	CT	5 0 5 7 1 0: 6	10/15/91	Kasevich et al.	606	335	
	CU	5 0 5 7 0 9: 2	10/15/91	Webster, Jr.	604	282	
	CV	5 0 4 9 1 3: 2	9/17/91	Shaffer et al.	604	101	
	CW	5 0 4 2 9 8: 5	8/27/91	Elliott et al.	606	192	
	CX	5 0 4 1 1 2: 5	8/20/91	Montano, Jr.	606	192	
	CY	5 0 4 1 1 0: 0	8/20/91	Rowland et al.	604	265	
	CZ	5 0 4 1 0 8: 9	8/20/91	Muelier et al.	604	96	

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	5 0 3 7 3 9 2	8/6/91	Hillstead	604	96	
DB	5 0 3 5 6 9 4	07/1991	Kasprzyk	606	192	
DC	5 0 2 6 6 0 7	6/25/91	Kiezulas			
DD	5 0 1 7 3 2 5	5/21/91	Jackowski et al.	264	521	
DE	5 0 1 5 2 3 1	5/14/91	Keith et al.	604	96	
DF	5 0 0 6 1 1 9	4/19/91	Acker et al.	606	27	
DG	5 0 0 2 5 5 6	3/26/91	Ishida et al.	606	191	
DH	5 0 0 2 5 3 1	3/26/91	Bonzel	604	96	
DI	5 0 0 0 7 3 4	3/19/91	Boussignac et al.	604	96	
DJ	4 9 9 5 8 6 8	3/26/91	Brazier	604	105	
DK	4 9 9 4 0 7 2	2/19/91	Bhate et al.			
DL	4 9 9 4 0 4 7	2/19/91	Walker et al.	606	264	
DM	4 9 9 4 0 3 3	2/19/91	Shockey et al.	604	101	
DN	4 9 8 6 8 3 0	1/22/91	Owens et al.	606	194	
DO	4 9 7 3 3 0 1	11/27/90	Nissenkorn	604	08	
DP	4 9 5 2 3 5 7	08/1990	Euteneuer	264	29	
DQ	4 9 6 4 8 5 3	10/23/90	Sugiyama et al.	604	96	
DR	4 9 6 3 3 1 3	10/16/90	Noddin et al.	264	573	
DS	4 9 6 3 3 0 6	10/16/90	Weldon	264	96	
DT	4 9 6 0 4 1 0	10/2/90	Pinchuk	604	96	
DU	4 9 5 4 1 2 6	9/4/90	Wallsten	600		
DV	4 9 5 2 3 5 7	08/1990	Euteueur	604	96	
DW	4 9 5 0 2 3 9	8/21/90	Gahara et al.	604	96	
DX	4 9 5 0 2 2 7	8/21/90	Savin et al.	604	8	
DY	4 9 4 6 4 6 6	8/90	Pinchuk et al.	604	96	
DZ	4 9 4 6 4 6 4	8/1/90	Pevsner	606	192	

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PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EA	4 9 4 1 8 7 7	7/17/90	Montano, Jr.	604	96	
EB	4 9 3 8 6 7 6	7/3/90	Jackowski et al.	425	140	
EC	4 9 3 4 9 9 9	6/19/90	Bader	600	29	
ED	4 9 3 3 1 7 8	6/12/90	Capelli	424	78	
EE	4 9 3 2 9 5 8	6/90	Reddy et al.	606	192	
EF	4 9 3 2 9 5 6	6/90	Reddy et al.	606	192	
EG	4 9 2 3 4 5 0	5/8/90	Maeda et al.	604	265	
EH	4 9 2 1 4 8 3	5/1/90	Wijay et al.	604	96	
EI	4 9 2 1 4 7 9	5/1/90	Grayzel			
EJ	4 9 1 3 7 0 1	4/3/90	Tower	604	103	
EK	4 9 0 9 2 5 2	3/20/90	Goldberger	606	194	
EL	4 9 0 6 2 4 4	03/1990	Rinchuk et al.	604	96	
EM	4 9 0 6 2 4 1	3/6/90	Noddin et al.	606	194	
EN	4 9 0 6 2 3 7	3/6/90	Johansson et al.	604	265	
EO	4 9 0 0 3 0 3	2/13/90	Lemelson	604	54	
EP	4 8 9 8 5 9 1	2/6/90	Jang et al.	604	282	
EQ	4 8 9 6 6 6 9	1/30/90	Bhate et al.	606	194	
ER	4 8 8 6 0 6 2	12/12/89	Wiktor	128	343	
ES	4 8 8 0 6 8 2	11/14/89	Hazelton et al.	428	152	
ET	4 8 7 8 4 9 5	11/7/89	Grayzel	128	343	
EU	4 8 7 1 0 9 4	10/3/89	Gall et al.	222	186	
EV	4 8 6 9 2 6 3	9/26/89	Segal et al.	128	692	
EW	4 8 6 8 0 4 4	9/19/89	Tanaka et al.	428	304.4	
EX	4 8 6 3 4 2 6	9/5/89	Ferragamo et al.	604	93	
EY	4 8 5 7 3 9 3	8/15/89	Kato et al.	428	289	
EZ	4 8 5 6 5 1 6	8/15/89	Hillstead	128	343	

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EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	FA 4 8 4 6 8 1 2	7/11/89	Walker et al.			
	FB 4 8 4 0 6 2 3	6/20/89	Quackenbush	604	280	
	FC 4 8 3 8 8 7 6	6/13/89	Wong et al.	604	265	
	FD 4 8 3 5 0 8 9	5/83	Bonnebat			
	FE 4 8 3 4 7 2 1	5/30/89	Onohara et al.	604	266	
	FF 4 8 3 4 7 0 2	5/30/89	Rocco			
	FG 4 8 2 4 6 1 8	04/1998	Strum et al.	264	37	
	FH 4 8 2 1 7 2 2	4/18/89	Miller et al.	128	344	
	FI 4 8 2 0 3 4 9	04/1989	Saab	128	344	
	FJ 4 8 1 9 7 5 1	4/11/89	Shimada et al.	128	344	
	FK 4 8 1 8 5 9 2	4/4/89	Ossian	428	216	
	FL 4 8 1 6 3 3 9	3/28/89	Tu et al.	428	421	
	FM 4 8 1 4 2 3 1	3/21/89	Onohara et al.	428	425.5	
	FN 4 8 1 2 5 4 3	03/1989	Gould et al.	428	35.7	
	FO 4 8 1 1 7 3 7	3/14/89	Rydell	128	344	
	FP 4 8 0 7 6 2 6	2/28/89	McGirr			
	FQ 4 8 0 3 0 3 5	02/1989	Kresge et al.	264	19	
	FR 4 8 0 1 2 9 7	1/31/89	Mueller	604	280	
	FS 4 8 0 0 8 8 2	1/31/89	Gianturco	128	344	
	FT 4 7 9 6 6 2 9	1/10/89	Grayzel	128		
	FU 4 7 9 5 4 5 8	1/3/89	Regan	623	1	
	FV 4 7 9 0 8 3 1	12/13/88	Skribiski			
	FW 4 7 8 7 3 8 8	11/29/88	Hofmann	128	344	
	FX 4 7 8 6 5 5 6	11/22/88	Hu et al.	428	412	
	FY 4 7 7 8 6 9 7	10/1988	Geneske et al.			
	FZ 4 7 7 6 3 3 7	10/11/88	Palmaz	128	344	

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U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GA	4 7 7 5 3 7 1	12/1988	Mueller, Jr.	604	280	
GB	4 7 7 3 9 0 1	9/88	Norton	604	265	
GC	4 7 7 1 7 7 8	9/20/88	Mar	128	344	
GD	4 7 7 1 7 7 6	9/20/88	Powell et al.	128	344	
GE	4 7 6 3 6 5 3	8/16/88	Rockey	128	344	
GF	4 7 6 2 5 8 9	8/9/88	Akiyama et al.	156	307.3	
GG	4 7 6 2 1 3 0	8/9/88	Fogarty et al.	128	348.1	
GH	4 7 6 2 1 2 9	8/9/88	Bonzel	128	344	
GI	4 7 5 3 7 6 5	6/28/88	Pande	264	149	
GJ	4 7 5 1 9 2 4	6/21/88	Hammerschmidt et al.	128	207.15	
GK	4 7 4 4 3 6 6	5/1988	Jang	606	192	
GL	4 7 4 3 2 5 7	5/19/88	Tormala et al.	623	16	
GM	4 7 3 7 2 1 9	4/12/88	Taller et al.	156	215	
GN	4 7 3 2 1 5 2	3/22/88	Wallsten et al.	128	343	
GO	4 7 2 9 9 1 4	3/1988	Kliment et al.	428	35.7	
GP	4 7 2 3 9 3 6	2/9/88	Buchbinder et al.	604	95	
GQ	4 7 1 0 1 8 1	12/1/87	Fuqua	604	265	
GR	4 7 0 6 6 7 0	11/17/89	Andersen et al.	128	344	
GS	4 7 0 5 7 0 9	11/10/87	Vailancourt			
GT	4 7 0 5 5 1 7	11/10/87	DiPesa, Jr.	623	2	
GU	4 7 0 5 5 0 2	11/10/87	Patel	604	1700	
GV	4 7 0 2 2 5 2	10/87	Brooks et al.			
GW	4 6 9 9 6 1 1	10/13/87	Bowden			
GX	4 6 9 3 2 4 3	9/15/87	Buras	128	207.15	
GY	4 6 8 6 1 2 4	8/11/87	Onohara et al.	428	35	
GZ	4 6 8 5 4 5 8	8/11/87	Leckrone	128	303.1	

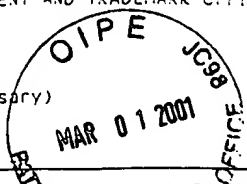
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EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HA	4 6 8 5 4 4 7	8/11/87	Iversen et al.	128	1R	
HB	4 6 8 4 3 6 3	8/1987	Avi et al.	606	192	
HC	4 6 8 1 5 6 4	7/21/87	Landreneau	604	97	
HD	4 6 7 7 0 1 7	6/30/87	DeAntonis et al.	428	214	
HE	4 6 6 6 4 3 7	05/1987	Lambert	604	265	
HF	4 6 6 4 6 5 7	5/12/87	Williamitis et al.	604	265	
HG	4 6 6 0 5 6 0	4/28/87	Klein	128	344	
HH	4 6 5 7 0 2 4	4/14/87	Coneys	128	658	
HI	4 6 5 6 0 7 0	4/7/87	Nyberg et al.	428	36	
HJ	4 6 5 5 7 7 1	4/7/87	Wallsten	623	1	
HK	4 6 5 5 7 4 5	4/7/87	Corbett	604	49	
HL	4 6 5 1 7 2 1	3/24/87	Mikulich et al.	128	79	
HM	4 6 5 0 4 6 6	3/17/87	Luther	604	95	
HN	4 6 4 8 8 7 1	3/10/87	Jacob	604	149	
HO	4 6 4 2 2 6 7	2/10/87	Creasy et al.	428	413	
HP	4 6 4 0 8 5 2	2/3/87	Ossian	428	35	
HQ	4 6 3 8 8 0 5	1/27/87	Powell	128	344	
HR	4 6 3 7 3 9 6	1/20/87	Cook	128	344	
HS	4 6 3 6 4 4 2	1/13/87	Beavers et al.			
HT	4 6 3 6 3 4 6	1/13/87	Gold et al.			
HU	4 6 3 4 6 1 5	1/6/87	Versteegh et al.	428	36	
HV	4 6 2 7 8 4 4	12/1986	Schmitt	604	1700	
HW	4 6 2 7 4 3 6	12/9/86	Leckrone	128	303.1	
HX	4 6 1 4 1 8 8	9/30/86	Bazell et al.	128	348.1	
HY	4 6 1 3 5 1 7	9/23/86	Williams et al.	427	2	
HZ	4 6 1 0 6 6 2	9/9/86	Weikl et al.	604	53	

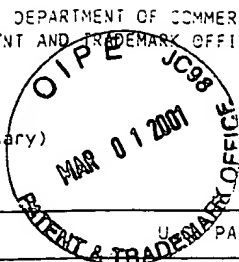
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GROUP

PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
IA	4,601,894	9/2/86	Fogarty et al.	128	344	
IB	4,601,634	8/19/86	Fogarty et al.	128	344	
IC	4,591,656	6/24/86	Pande	604	264	
ID	4,531,500	4/29/86	Hersenson	128	345	
IE	4,531,276	4/15/86	Onohara et al.	428	447	
IF	4,531,390	4/8/86	Flynn	523	112	
IG	4,571,987	4/1/86	Flynn	523	112	
IH	4,571,802	3/25/86	Sicka et al.	425	114	
II	4,571,677	3/18/86	Carpenter	264	154	
IJ	4,571,614	3/18/86	Schiff	128	10	
IK	4,571,396	3/4/86	Weigl et al.	604	53	
IL	4,571,347	3/4/86	Samson et al.	128	344	
IM	4,571,218	2/25/86	Gould et al.	128	341	
IN	4,551,995	12/24/85	Dahl et al.	128	642	
IO	4,551,354	11/19/85	Maass et al.	128	341	
IP	4,551,129	11/5/85	Fletcher et al.	264	139	
IQ	4,541,044	9/10/85	Wolvek	604	96	
IR	4,531,997	7/30/85	Johnston	156		
IS	4,521,564	6/4/85	Solomon et al.	525		
IT	4,491,074	2/5/85	Rey et al.	3		
IU	4,491,042	12/1984	Levy	428		
IV	4,481,497	11/27/84	Wang	156		
IW	4,471,497	10/30/84	Fogarty et al.	128		
IX	4,471,212	9/18/84	Siard	425	381	
IY	4,451,601	6/26/84	Warnecke	128	325	
IZ	4,451,256	5/29/84	Weigl et al.	128	325	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JA	4 4 4 4 1 8 8	4/1984	Bazell et al.	128	348.1	
JB	4 4 3 9 3 9 4	3/27/84	Appleyard	264	535	
JC	4 4 3 4 7 9 7	3/6/84	Silander	128	343	
JD	4 4 2 4 2 4 2	1/3/84	Barbee	428	35	
JE	4 4 2 3 7 2 5	1/3/84	Baran et al.	128	207.15	
JF	4 4 2 2 4 4 7	12/27/83	Schiff	128	10	
JG	4 4 1 7 5 7 6	11/29/83	Baran	128	207.15	
JH	4 4 1 3 9 8 9	11/1983	Schjeldahl et al.	604	96	
JI	4 4 1 1 0 5 5	10/25/83	Simpson et al.			
JJ	4 4 0 9 3 6 4	10/11/83	Schmukler et al.			
JK	4 4 0 6 6 5 6	9/27/83	Hattler et al.	604	280	
JL	4 4 0 6 6 5 3	9/83	Nunez	604	103	
JM	4 4 0 3 6 1 2	9/13/83	Fogarty	128	344	
JN	4 3 8 5 0 8 9	5/24/83	Bonnebat et al.	428	35	
JO	4 3 7 8 8 0 3	4/5/83	Takagi et al.	604	280	
JP	4 3 5 1 3 4 1	09/1982	Goldberg et al.	128	348	
JQ	4 3 4 6 6 9 8	8/31/82	Hanson et al.	128		
JR	4 3 3 8 9 4 2	7/13/82	Fogarty			
JS	4 3 3 5 7 2 3	06/1982	Patel	604		
JT	4 3 3 0 4 9 7	5/18/82	Agdanowski	264		
JU	4 3 2 7 7 3 6	5/4/82	Inoue	128		
JV	4 3 2 6 5 3 2	4/27/82	Hammar	128		
JW	4 3 2 4 2 6 2	4/13/82	Hall	128	756	
JX	4 3 2 3 0 7 1	4/6/82	Simpson et al.	128	343	
JY	4 3 1 8 9 4 7	03/1982	Joung	528	399	
JZ	4 3 0 6 9 9 8	12/22/81	Wenzel et al.	260	13	
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KA	4 3 01 1 0 5 3	11/17/81	Wolfrey	260	29.2	
KB	4 3 01 0 5 5 0	11/17/81	Gandi et al.	128	207.18	
KC	4 2 91 9 2 2 6	11/10/81	Banka	128	344	
KD	4 2 91 6 1 5 6	10/20/81	Lustig et al.	428	35	
KE	4 2 91 2 9 7 4	10/6/81	Fogarty et al.	128	344	
KF	4 2 81 2 8 7 6	8/11/81	Flynn	128	349	
KG	4 2 71 1 8 3 9	6/9/81	Fogarty et al.	128	344	
KH	4 2 61 5 8 4 8	05/1981	Rusch	264	130	
KI	4 2 61 5 2 7 6	5/5/81	Hatada et al.	138	177	
KJ	4 2 61 3 1 8 8	4/21/81	Hampton et al.	260	29.2	
KK	4 2 61 1 3 3 9	4/14/81	Hanson et al.	128	10	
KL	4 2 51 6 7 8 9	3/17/81	Suzuki et al.	428	35	
KM	4 2 51 1 3 0 5	2/81	Becker et al.	264	515	
KN	4 2 41 4 9 1 4	1/13/81	Ranalli et al.	264	515	
KO	4 2 31 8 4 4 3	12/9/80	Levy	264	210.7	
KP	4 2 31 3 0 2 2	11/11/80	Brady et al.	425	525	
KQ	4 2 21 2 3 8 4	9/16/80	Birtwell	128	3498	
KR	4 2 11 3 4 6 1	7/22/80	Pevsner	128	348	
KS	4 2 11 1 7 4 1	7/1980	Ostoich	264		
KT	4 1 91 8 9 8 1	4/22/80	Sinnreich	128	348	
KU	4 1 91 5 6 3 7	4/1/80	Gruntzig et al.	128	348	
KV	4 1 81 3 1 0 2	1/15/80	Guiset	3		
KW	4 1 81 2 4 5 7	1/8/80	Yamada	215	1	
KX	4 1 71 4 7 8 3	11/20/79	Abe et al.	215	10	
KY	4 1 41 4 2 9 8	3/13/79	Lee	264	532	
KZ	4 1 41 1 3 6 4	2/27/79	Schultze	128	3498	
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EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LA	4 1 4 0 1 2 6	2/20/79	Choudhury	128	325	
LB	4 1 0 5 0 2 2	8/8/78	Antoshkiw et al.	128	2.05	
LC	4 0 8 5 7 5 7	4/25/78	Pevsner	128	325	
LD	4 0 7 9 8 5 0	3/21/78	Suzuki et al.	215	1C	
LE	4 0 6 1 7 0 7	12/6/77	Nohtomi et al.	264	95	
LF	4 0 5 5 6 8 2	10/77	Merrill	128	349.8	
LG	4 0 4 7 8 6 8	9/13/77	Kudo et al.	425	133.1	
LH	4 0 3 5 5 3 4	7/12/77	Nyberg	428	36	
LI	4 0 1 1 1 8 9	3/8/77	Keil	260	33.6	
LJ	4 0 0 3 3 8 2	1/75	Dyke	156	16	
LK	3 9 9 6 9 3 8	12/14/76	Clark, III	128	348	
LL	3 9 6 2 5 1 9	6/8/76	Rusch et al.	428	409	
LM	3 9 5 9 4 2 6	5/25/76	Seefluth	264	94	
LN	3 9 2 4 6 3 4	12/9/75	Taylor et al.	128	349B	
LO	3 8 8 9 6 8 5	6/17/75	Miller, Jr. et al.	128	348	
LP	3 8 6 1 9 7 2	01/1975	Glover et al.	156	86	
LQ	3 8 3 7 3 4 7	9/24/74	Tower	128	404	
LR	3 8 3 3 0 0 4	9/3/74	Vazquez et al.	128	349B	
LS	3 8 1 4 1 3 7	6/4/74	Martinez	138		
LT	3 8 0 7 4 0 8	4/30/74	Summers			
LU	3 7 9 9 1 7 2	3/26/74	Szpur	128	349B	
LV	3 7 7 1 5 2 7	11/13/73	Ruisi		404	
LW	3 7 6 9 9 8 4	11/6/73	Muench	128		
LX	3 7 4 5 1 5 0	7/10/73	Corsover	260		
LY	3 7 3 3 3 0 9	5/15/73	Wyeth et al.	260	75	
LZ	3 7 3 1 6 9 2	5/8/73	Goodyear	128	351	

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EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MA	3 7 0 7 5 9 0	12/72	Wiggins et al.	264	95	
MB	3 7 0 7 1 5 1	12/26/72	Jackson	128	351	
MC	3 7 0 7 1 4 6	12/26/72	Cook et al.			
MD	3 6 1 8 6 1 4	11/9/71	Flynn	128	348	
ME	3 5 6 2 3 5 2	2/9/71	Nyilas	260	824	
MF	3 5 6 1 4 9 3	2/9/71	Maillard	138	141	
MG	3 5 4 3 7 5 9	12/1/70	McWhorter	128	349	
MH	3 5 4 3 7 5 8	12/1/70	McWhorter	128	349	
MI	3 5 3 9 6 7 4	11/10/70	Dereniuk et al.	264	130	
MJ	3 4 3 2 5 9 1	3/11/69	Heffelfinger	264	289	
MK	3 4 2 6 7 4 4	2/11/69	Ball	128	1	
ML	3 3 4 8 5 4 2	10/24/67	Jackson	128	184	
MM	3 3 0 4 3 5 3	2/14/67	Harautuneian	264	98	
MN	3 2 9 2 6 2 7	12/20/66	Harautuneian	128	349	
MO	3 1 4 1 9 1 2	7/1964	Goldman et al.	264	95	
MP	3 1 7 3 4 1 8	3/16/65	Baran	128	351	
MQ	3 0 5 3 2 5 7	9/11/62	Birtwell	128	349	
MR	3 0 4 5 6 7 7	7/24/62	Wallace	128	349	
MS	2 9 8 1 2 5 4	4/25/61	Vanderbilt	128	349	
MT	2 9 3 6 7 6 0	5/17/60	Gants	128	349	
MU	2 8 2 3 4 2 1	2/18/58	Scarlett	18		
MV	2 7 9 9 2 7 3	7/16/57	Oddo	128		
MW	2 6 9 0 5 9 5	10/5/54	Raiche	18		
MX	2 6 8 8 3 2 9	9/7/54	Wallace	128	349	
MY	2 6 1 6 4 2 9	11/4/52	Merenlender	128	350	
MZ	2 5 4 8 6 0 2	4/10/51	Greenburg	128	4	

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NA	2 4 9 9 0 4 5	2/28/50	Walker et al.	128	261	
NB	1 6 9 0 9 9 5	11/6/28	Pratt			
NC	1 6 4 3 2 8 9	9/20/27	Peglay			
ND	R E 3 3 5 6 i 1	3/26/91	Levy	428	36.92	

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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	OA	1566776	11/76	Australia				
	OB	31 24 198 A1	4/29/92	Germany				
	OC	26 35 785	5/20/77	Germany				
	OD	0 457 456 A1	11/21/91	Europe				
	OE	0 439 202 A2	7/31/91	Europe				
	OF	0 419 291 A1	3/27/91	Europe				
	OG	0 414 350 B1	3/7/90	Europe				
	OH	0 399 712 A1	11/28/90	Europe				
	OI	0 383 429	8/22/90	Europe				
	OJ	0 380 102 A1	8/1/90	Europe				
	OK	0 359 489 A2	3/21/90	Europe				
	OL	0 358 445 A2	3/14/90	Europe				
	OM	0 357 562	3/7/90	Europe				
	ON	0 329 041 A2	8/23/89	Europe				
	OO	0 303 487 A2	2/15/89	Europe				
	OP	0 276 908 A1	8/3/88	Europe				
	OQ	0 214 721 A1	3/87	Europe				
	OR	0 274 411 A2	7/88	Europe				

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	PA	0 266 957 A2	5/11/88	Europe				
	PB	0 201 331 A2	11/12/86	Europe				
	PC	0 174 206 A2	3/12/86	Europe				
	PD	0 166 998	1/8/86	Europe				
	PE	0 101 216 A2	2/22/84	Europe				
	PF	WO 92/11893	7/23/92	PCT				
	PG	WO 91/17788	11/28/91	PCT				
	PH	WO 91/04068	4/4/91	PCT				
	PI	WO 84/01327	4/12/84	PCT				
	PJ	WO 90/14046	11/90	PCT				
	PK	WO 92/08512	5/92	PCT				
	PL	2 078 114 A	1/6/82	Great Britain				
	PM	2 077 111 A	12/16/81	Great Britain				
	PN	2 140 437 A	11/28/84	Great Britain				
	PO	1,533,204	11/22/78	Great Britain				
	PP	1,556,242	11/21/79	Great Britain				
	PQ	693,244	6/24/53	Great Britain				
	PR	1,600,963	10/21/81	Great Britain				
	PS	2298121	5/89	Great Britain				
	PT	2209121	5/89	Great Britain				
	PU	2,130,093	5/31/84	Great Britain				
	PV	2 163 386 A	2/26/86	Great Britain				
	PW	1477423	5/7/89	Soviet Union (Abstract)				
	PX	069826 A	1/30/84	Soviet Union (Abstract)				

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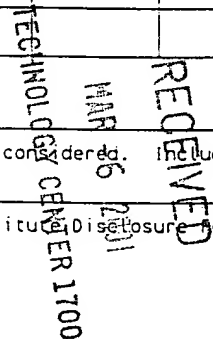
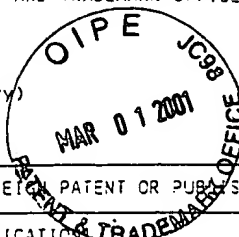
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QA	63 087219	4/18/88	Japan (English Abstract)				
QB	58 38778	3/7/83	Japan (Abstract)				
QC	53 042256	4/17/78	Japan (English Abstract)				
QD	51 084877	7/24/76	Japan				
QE	50 75256	6/20/75	Japan (English Abstract)				
QF	3 277374	12/9/91	Japan (Abstract)				
QG	539887	1/78	Japan				
QH	5345353	12/78	Japan (Abstract)				
QI	5128668	8/76	Japan				
QJ	539887	1/78	Japan				
QK	58118766	7/83	Japan				
QL	58188463	11/83	Japan				
QM	6326655	5/88	Japan				
QN	63183070	7/88	Japan				
QO	4505569	10/92	Japan				
QP	2255027	10/93	Japan				

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RA	Adrova et al., "Polymides: A new Class of Heat-Resistant Polymers", Academy of Sciences of the USSR, Chapter 1, "Synthesis and Transformations of Polymides", pp. 1-36, 1969
RB	Article from Design Ovine Hoestche Celen USC, pp. 2-2, 3-1 to 3-4, 1991
RC	Article from Plastics & Rubber Weekly, "Chemistry Advance Offers New Materials", p. 8, "One Piece Catheter", p. 8, December 3, 1988
RD	Article from Plastics and Rubber International, "Medical Uses Of Polymers", Vol. 11, No. 3, June 1986
RE	Articles from Plastics Technology, "Multi-Lumen Medical Tubing Line" and "Satellite Extruders for Coextrusion", pp. 39-41, August, 1987
RF	"Award Caps Bottle's Introduction", USA TODAY, Friday, October 7, 1983
RG	Broad, "Plastics Revolution: A Rush of New Uses", The New York Times, Tuesday, November 1, 1983
RH	Carley, "A Plastics Primer", Modern Plastics Encyclopedia, pp. 4-8, 1988
RI	Chin et al., "Long-term Results of Intraoperative Balloon Dilatation", The Journal of Cardiovascular Surgery, 30:454-458, 1989
RJ	Davey, "Pleated Balloon Catheter", Biomedical Materials, April, 1991
RK	Dobrin, "Balloon Embolectomy Catheters in Small-Arteries, I Lateral Wall Pressures and Shear Forces", Surgery, Vol. 90, No. 2, pp. 177-185, August 1981
RL	Elastomerics, EuroNews by Maurice Botwell, "DuPont Uses New Design Concepts to Boost TP Elastomers in Europe", pp. 38-39, November, 1986
RM	Encyclopedia of Polymer Science and Engineering, Volume 2, "Biaxial Orientation", pp. 339-373

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SA	"Extruded Tubing is Called on to Perform More Complex and Critical Surgical Jobs", Modern Plastics International, pp. 40-41, 1990
SB	"Film Laminate Key to Record Setting Balloon Flight", Plastics Design Forum, pp. 66-68, March/April 1988
SC	Fogarty et al., "Intraoperative Coronary Artery Balloon Catheter Dilatation", American Heart Journal Vol. 107, No. 4, pp. 845-851, April, 1984
SD	Fogarty et al., "Adjunctive Intraoperative Arterial Dilation", Arch. Surg., 116:1381-1397, 1981
SE	Fogarty, "The Balloon Catheter in Vascular Surgery", Review of Surgery, Vol. 24, No. 1, pp. 9-19, 1967
SF	Forcinio, "Squeezable bottle ends long wait for ketchup", FOOD & DRUG PACKAGING, Vol. 47, No. 10, October 1983
SG	Giesy et al., "Coaxial and Linear Extrusion Balloon Catheters Compared to Guidewires...Urinary Tract", The Journal of Urology, Vol. 133, No. 4, p. 238A, April 1985
SH	Giesy et al., "Coaxial Balloon Dilation and Calibration of Urethral Strictures", The American Journal of Surgery, 147:611-614, May 1984
SI	Giesy et al., "Ureteral Access: Bypassing Impacted Stones...Balloon Catheter, The Journal of Urology, Vol. 131, No. 4, 152A, 79th Annual Meeting of American Urological Association, Inc., May 6-10, 1984
SJ	Gruntzig et al., "Technique of Percutaneous Transluminal Angioplasty with the Gruntzig Balloon Catheter", American Journal of Roentgenology, Vol. 132, No. 4, pp. 547-552, April 1979
SK	Inoue, "A New Balloon Catheter for Percutaneous Transluminal Angioplasty", AJR 44:1069-1071, May 1985
SL	Inoue et al., "Clinical Application of Transvenous Mitral Commissurotomy by a New Balloon Catheter", Journal of Thoracic and Cardiovascular Surgery, Vol. 87, No. 3, pp. 394-402, March 1984
SM	Jain et al., "In Vivo Assessment of Vascular Dilatation During Percutaneous Transluminal Coronary Angioplasty," American Journal of Cardiology, 60:968-982, November, 1987

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TA	Irwin, Belcher, Bruning and Suit, Modern Plastics Encyclopedia, pp. 203-210, 1988
TB	Jain et al., "Effect of Inflation Pressures on Coronary Angioplasty Balloons", American Journal of Cardiology, 57:26-28, January 1, 1986
TC	Jekell et al., "Balloon Catheters", Acta Radiological Diagnosis, 21:47-52, 1980
TD	Jensen, "Double-Lumen Balloon Catheter", Acta Radiological Diagnosis, 17:886-890, November 1976
TE	Katzen et al., "Percutaneous Transluminal Angioplasty With the Gruntzig Balloon Catheter", Arch Surg., Vol. 114, No. 12, pp. 1389-1399, June 1979
TF	Kennedy et al., "Interventional Coronary Arteriography", Annual Review of Medicing: Selected Topics in the Clinical Sciences, 35:513-516, 1984
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